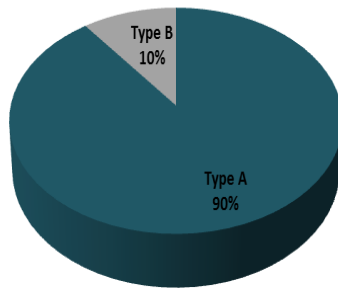


Stark County's Weekly Influenza Report

Week 12 (3/22/15-3/28/2015)

The Percentage of Influenza Types for the 2014-1015 Season in Stark County



- The predominate strain identified locally has been influenza A (90%). Nationally, influenza A stands at 88% of the specimens tested.

2 Months Left of the Reporting Season

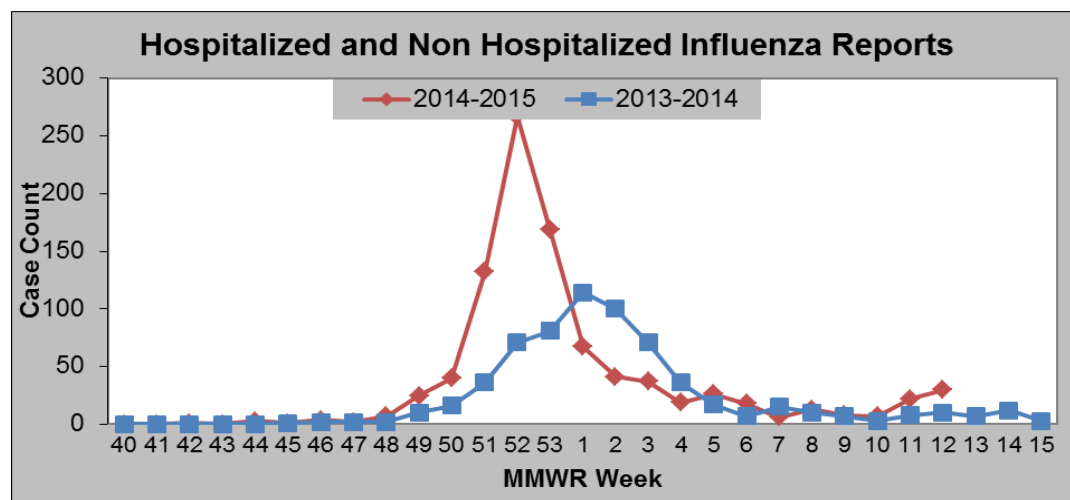
- During MMWR week 12 there were 8 influenza-associated hospitalizations in Stark County. This increased the total to 519 hospitalizations for the season.
- In Stark County, 70% of the season's influenza-associated hospitalizations were age 65 or older.
- Nationally the cumulative rate for the season thus far is 59.9 laboratory-confirmed influenza-associated hospitalizations per 100,000 population.
- Of the 100,379 influenza A specimens collected nationally, 0.2% subtyped as the 2009 H1N1 virus, 49% subtyped as the H3 virus, and the rest were not subtyped.
- Nationally, 1,044 of the influenza A (H3N2) viruses collected were antigenetically characterized since October 1, 2014. Of those characterized, 77% were drifted (significantly different) that this year's influenza vaccine.
- Of the 326 specimens characterized nationally as

Influenza B, 240 subtyped from the Yamagata Lineage and 86 subtyped from the Victorian Lineage.

- During week 12, National Pneumonia and Influenza (I&P) Mortality Surveillance of all deaths reported through the 122 Cities Mortality Reporting System as due to P&I was at 6.9%. This is below the 7.1% epidemic threshold for this week.
- Nationally, a total of 123 influenza-associated pediatric deaths have been reported. Out of those deaths, seven were reported during week 12. Stark County remains having no pediatric deaths associated with influenza.

Graph 1: Influenza Cases Reported to the Local Health Department.

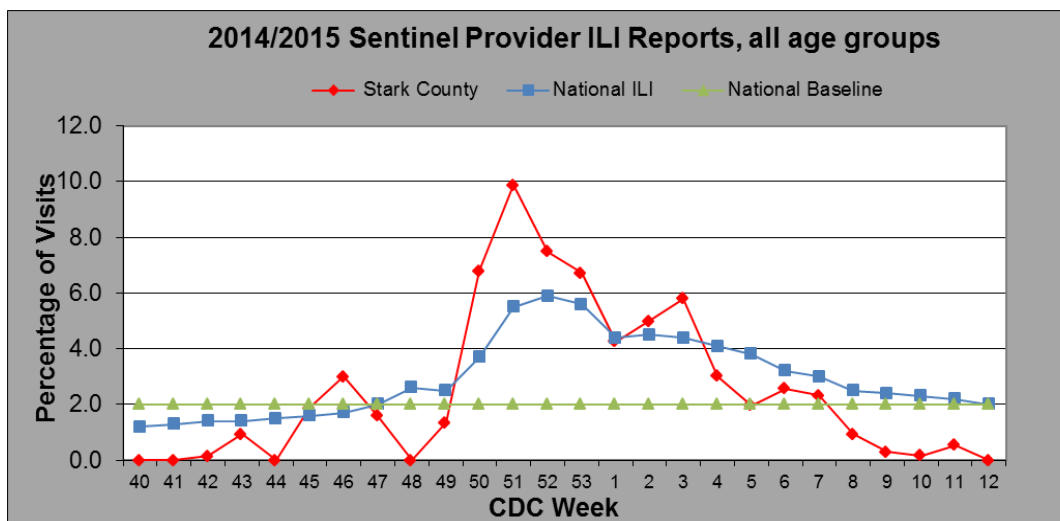
- ◆ During week 12 there was a total of 30 reports of hospitalized and non-hospitalized influenza. This week last year had 10 cases.
- ◆ This year's reports total at 945. The total number of reports for last year by this week was 619.



* All data presented in this weekly report are preliminary and may change as additional information is received.
 * Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.

Graph 2: Sentinel Provider Reported Influenza Like Illness (ILI) in Stark County.

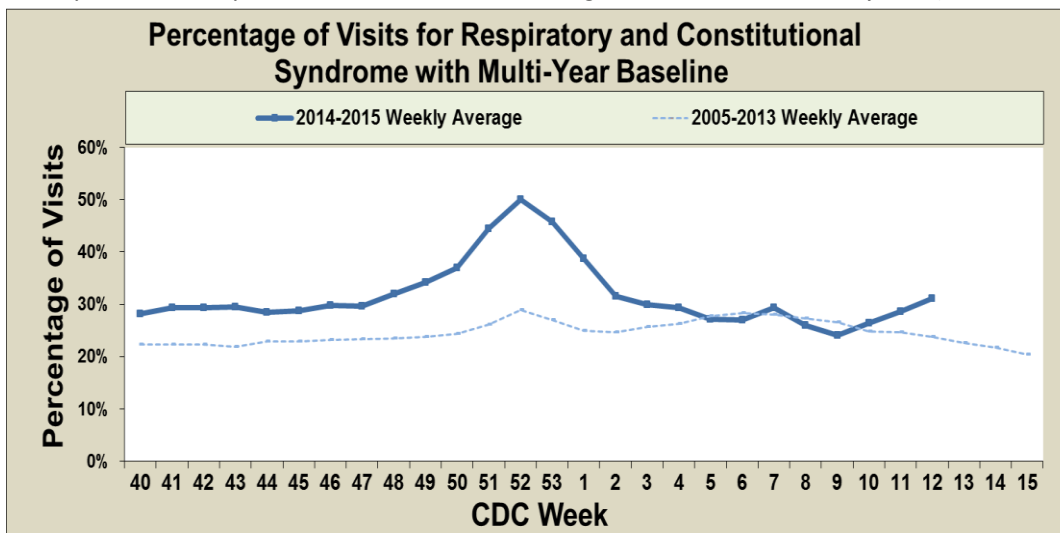
- ◆ There were zero sentinel provider ILI reports during week 12.



Graph 3: Emergency Department Visits for Respiratory and Constitutional Syndromes.

(Source: Health Monitoring Systems, EpiCenter, Hospital and Stat Care Patient Registration Surveillance System)

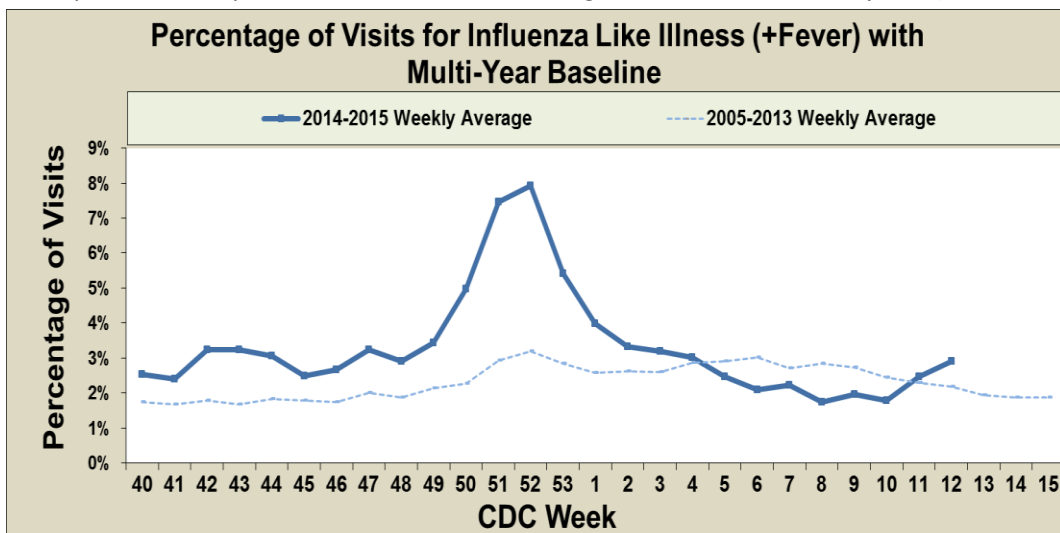
- ◆ During week 12, ED and Stat Care visits for respiratory and constitutional syndrome continued to increase above the multi-year baseline for the third consecutive week.



Graph 4: Emergency Department (ED) Visits for Influenza Like Illness (+Fever).

(Source: Health Monitoring Systems, EpiCenter, Hospital and Stat Care Patient Registration Surveillance System)

- ◆ During week 12, ED and Stat Care visits for influenza like illness (+fever) continued to increase above the multi-year baseline for the second consecutive week.

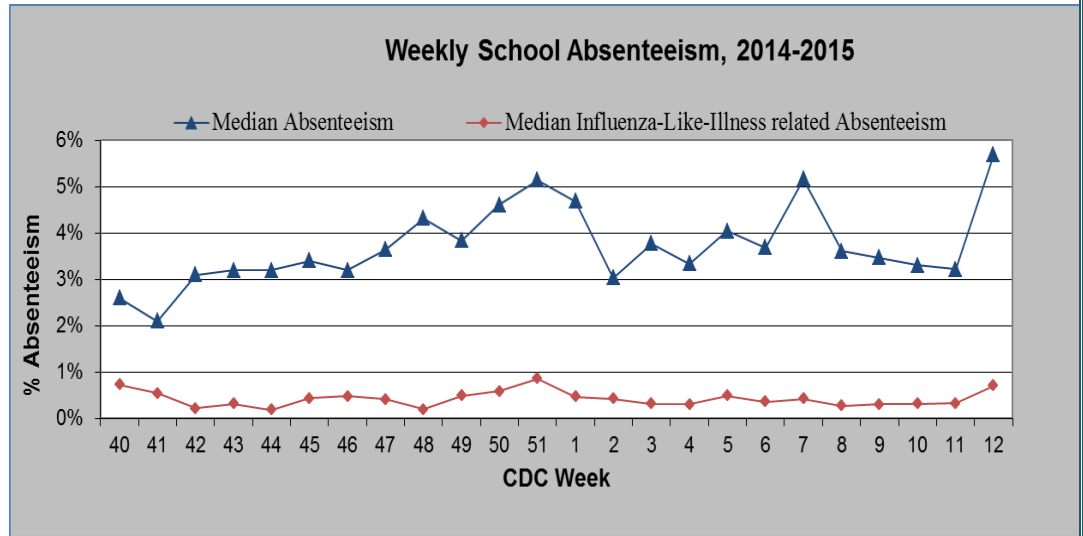


* All data presented in this weekly report are preliminary and may change as additional information is received.
 * Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.

Graph 5: Stark County School Absenteeism.

(Source: Voluntary reporting by multiple school districts throughout the county)

- ◆ No school absenteeism reports were given during week 52 and week 53 due to the holidays. Median absenteeism spiked again during week 12. Median ILI related absenteeism increased during week 12 as well.



Map: Weekly Geographic Influenza Activity Estimates Reported by State and Territorial Epidemiologists Syndromes.

(Source: Health Monitoring Systems, EpiCenter, hospital and stat care patient registration surveillance system)

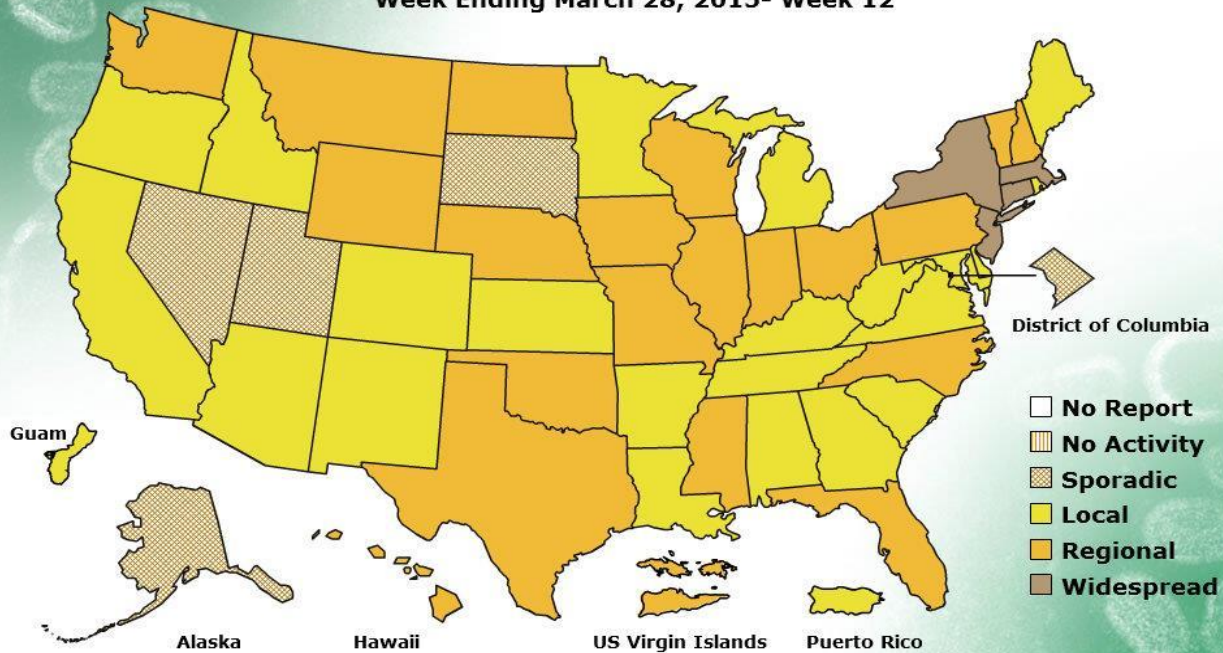
- ◆ During week 12, Ohio remained at regional influenza activity. Across the nation only four states reported widespread influenza activity.

FLUVIEW



A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*

Week Ending March 28, 2015- Week 12



*This map indicates geographic spread and does not measure the severity of influenza activity.

* All data presented in this weekly report are preliminary and may change as additional information is received.

* Multiyear averages included in this weekly report do not include the 2009/2010 H1N1 season.